



PTO/SE/21 (09-04)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13

Application Number	10/804,283
Filing Date	March 19, 2004
First Named Inventor	Brian W. Hedrick et al.
Art Unit	1748
Examiner Name	(not yet assigned)
Attorney Docket Number	107516

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interference;  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> <li>- Declaration</li> <li>- Credit Card Payment Form (PTC-2038)</li> <li>- Part 2 of Formalities Letter</li> <li>- Request for Corrected Filing Receipt</li> </ul>
<input type="checkbox"/> Remarks		

RECEIVED  
OCT 18 2004  
OPE/JCWS

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	UOP LLC		
Signature			
Printed name	James C. Paschall		
Date	October 15, 2004	Reg. No.	36,887

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Geralyn M. McFadden	Date	October 15, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OCT 15 2004

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SC-11



PTO/SB/17 (10-04)  
Approved for use through 07/31/2008. OMB 0651-0032  
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# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

## Complete if Known

Application Number	10/804,283
Filing Date	March 19, 2004
First Named Inventor	Brian W. Hedrick et al.
Examiner Name	(not yet assigned)
Art Unit	1746
Attorney Docket No.	107516

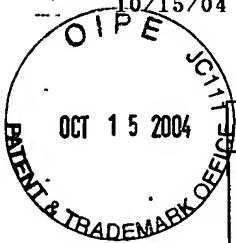
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)													
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number Deposit Account Name				<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> </thead> <tbody> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> </tr> <tr> <td>Fee Code (\$)</td> <td>Fee Code (\$)</td> </tr> <tr> <td>Fee Description</td> <td>Fee Description</td> </tr> <tr> <td>Fee Paid</td> <td>Fee Paid</td> </tr> </tbody> </table> <p>The Director is authorized to: (check all that apply)</p> <p><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments  <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)  <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</p>				Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Description	Fee Paid	Fee Paid
Large Entity	Small Entity																
Fee Code (\$)	Fee Code (\$)																
Fee Code (\$)	Fee Code (\$)																
Fee Description	Fee Description																
Fee Paid	Fee Paid																
FEE CALCULATION																	
1. BASIC FILING FEE																	
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	Fee Code (\$)	Fee Description										
1001 790	2001 395			Utility filing fee													
1002 350	2002 175			Design filing fee													
1003 550	2003 275			Plant filing fee													
1004 790	2004 395			Reissue filing fee													
1005 160	2005 80			Provisional filing fee													
SUBTOTAL (1) (\$ 0)				Fee Description													
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																	
Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid	Fee Description	Fee Paid										
			-20** =	X 18													
			- 3** =	X 88													
SUBTOTAL (2) (\$ 0)				Fee Description													
*or number previously paid, if greater; For Reissues, see above																	
Other fee (specify) 1814 Statutory Disclaimer (\$110)																	
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 130)																	

SUBMITTED BY				(Complete if applicable)	
Name (Print/Type)	James C. Paschall	Registration No. (Attorney/Agent)	36,887	Telephone	847-391-2355
Signature	<i>James C. Paschall</i>				
Date	October 15, 2004				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Name (Print/Type)	Geralyn M. McFadden	Fax # (if faxed)	(703) 746-4060
Signature	<i>Geralyn M. McFadden</i>	Date	October 15, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	:	10/804,283	Confirmation No. 7811
Applicant	:	Brian W. Hedrick et al.	
Filed	:	March 19, 2004	
TC/A.U.	:	1746	
Examiner	:	(not yet assigned)	
Docket No.	:	107516	
Customer No.	:	23490	

Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed August 27, 2004, the Declaration for the above-identified application is being submitted at this time.

A fee transmittal form, as well as authorization for credit card payment of the required fee, are attached.

Respectfully submitted,

*James C. Paschall*  
 James C. Paschall  
 Attorney for Applicants  
 Reg. No. 36,887  
 (847) 391-2355 (phone)  
 (847) 391-2387 (fax)

JCP/gm



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/804,283	03/19/2004	Brian W. Hedrick	107516

23490  
 JOHN G TOLOMEI, PATENT DEPARTMENT  
 UOP LLC  
 25 EAST ALGONQUIN ROAD  
 P O BOX 5017  
 DES PLAINES, IL 60017-5017

CONFIRMATION NO. 7811

## FORMALITIES LETTER



\*OC000000013658112\*

Date Mailed: 08/27/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

10/18/2004 LWONDIM1-00000074-10804283

01 FC:1051

130.00 DP *A copy of this notice MUST be returned with the reply.*

*AB*  

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE